

Attorney Docket No.: J3674(C)
Serial No.: 10/538,188
Filed: June 9, 2005
Confirmation No.: 3266

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application.

Listings of Claims:

Claim 1 (Currently Amended) An aqueous hair conditioning composition comprising;

- a) from 10% to 50% by weight of a cleansing surfactant selected from the group consisting of anionic, amphoteric, zwitterionic and non-ionic surfactants and mixtures thereof, with the proviso that the hair conditioning composition contains from 5 to 20 percent by weight of anionic cleansing surfactant,
- b) discrete, dispersed droplets comprising a water insoluble silicone conditioning oil, wherein the Sauter mean diameter of the droplets ($D_{3,2}$) is from 2 to 100 micrometres, and wherein the water insoluble silicone conditioning oil is present in the composition an amount of from 0.3 to 5% by weight, and
- c) from 0.01 to 0.4% by weight of a surface active block copolymer according to formula I:

I $\text{HO}(\text{CH}_2\text{CH}_2\text{O})_m[-\text{Si}(\text{CH}_3)_2-\text{O}-]_n(\text{CH}_2\text{CH}_2\text{O})_m\text{H}$

| wherein m is 30 or more, n is 5 or more, and the ratio n/m is from 0.1 to 1.2, and
| polyethylene oxide comprises from 60 to 85% by weight of the formula I block
| copolymer, and wherein the hair conditioning composition is a shampoo composition.

Claim 2 (Cancelled)

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Claim 3 (Previously Presented) A composition according to claim 1 wherein the silicone conditioning oil has a viscosity from 5000 to 1000000 mm²sec⁻¹ at 25° C.

Claim 4 (Previously Presented) A composition according to claim 1 wherein the silicone conditioning oil comprises a functionalised silicone.

Claim 5 (Previously Presented) A composition according to claim 4 wherein the functionalised silicone is a silicone copolyol with a hydrophile/lipophile balance (HLB) of 10 or less.

Claim 6 (Original) A composition according to claim 4, wherein the functionalised silicone is an amino-functionalised silicone.

Claim 7 (Previously Presented) A composition according to claim 6 wherein the amino-functionalised silicone has a weight percent amino functionality from 0.03 to 8 percent.

Claim 8 (Currently Amended) A composition according to claim 1 wherein the composition comprises less than 0.01% by weight of a cationic deposition polymer, and wherein the silicone conditioning oil is present in the composition in an amount of from 0.5 to 3% by weight.

Claim 9 (Cancelled)

Claim 10 (Previously Presented) A method for preparing an aqueous hair conditioning composition according to claim 1 comprising the steps of:

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- i) preparing a solution comprising water and the surface active block copolymer,
- ii) adding a silicone conditioning oil to the solution,
- iii) forming the solution and the silicone conditioning oil into an oil-in-water emulsion by high-shear mixing,
- iv) dispersing the oil-in-water emulsion comprising the block copolymer into a hair conditioning composition.

Claim 11 (Original) A method for preparing a hair conditioning composition according to claim 1 comprising the steps of:

- i) preparing an oil-in-water emulsion of a silicone conditioning oil,
- ii) dispersing the surface active block copolymer into the emulsion,
- iii) dispersing the oil-in-water emulsion comprising the block copolymer into a hair conditioning composition.

Claim 12 (Cancelled)

Claim 13 (Previously Presented) A method of cleaning and conditioning hair by applying a composition according to claim 1 followed by rinsing.

Claim 14 (Cancelled)

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Claim 15 (Previously Presented) A composition according to claim 6 wherein the amino-functionalized silicone has a weight percent amino functionality from 0.5 to 4 percent.

Claim 16 (Previously Presented) An aqueous hair conditioning composition according to claim 1 wherein the surface active block copolymer according to formula I is present in an amount of from 0.04 to 0.2 % by weight of the composition.